

ABSTRACT

Background: Diabetes melitus in pregnancies attributed with poor outcome of pregnancies. Lately there was a significant increasement of the case occurrence

Objective: This research was aimed to find the characteristic of diabetes melitus on pregnancies in RSUD dr.Soetomo Surabaya within period of 1st January – 31st December 2015. **Method:** This research was an observational – descriptive research. The data collection of this research is total sampling of patient with diabetes melitus on pregnancies in RSUD Dr.Soetomo Surabaya within 1st January – 31st December 2015.

Result: In this research, there are 89 patients with diabetes melitus on pregnancies in RSUD dr.Soetomo Surabaya within 2015. Among them 24 were suffered from pregestational diabetes melitus and 65 patient suffered from gestational diabetes.

Conclusion: Maternal characteristic of diabetes melitus on pregnancies were mostly; age within 20-35 (for gestational type, 71.43%) or more than 35 (for pregestational type, 61.90%), Had finished senior high school during his/her life, were not a worker, BMI within categories of overweight, Had multiparty, multigravidity and associated with abnormality of delivery. Neonatal characteristic of diabetes melitus on pregnancies were mostly; had normal birthweight, birthlength and Apgar Score (for gestational type) or had both equivalent rate of normal and small birthweight & birthlength with low APGAR Score (for gestational type). Characteristic of delivery mostly in early-term and done by caesarean section procedures

Keywords: Diabetes Melitus in Pregnancies, Gestational Diabetes, Pregestational Diabetes